

## Johnson Controls Inc.

---

### **OSS Disclosures**

<b>Product name</b>	<b>SCT-SCT Pro</b>
<b>Version</b>	<b>1.0.0</b>
<b>Date of creation</b>	<b>10/27/2022</b>

This document provides list of all open source software components used in this product and their corresponding licenses.

This product may contain Open Source covered under such licenses as General Public License, Mozilla Public License and Lesser General Public License etc. These licenses may require their source code to be made available to customers. If such source code is not shipped with this release, the same can be obtained by anyone, upon receipt of this information, during the period as applicable, at following

#### **Address**

##### **Legal Department**

**5757 N. Green Bay Ave.**

**P.O. Box 591. Milwaukee, WI 53201**

**USA**

JCI may charge you a minimal fee up to \$5 as delivery/handling charges.

## Open source software Components

Component Name	Version	License
batik-dom.jar	1.6-1	Apache 2.0
System.Net.Http.dll	4.3.0	MSRTW/mseula
Microsoft.AspNet.Identity.Owin.dll	2.0.0	mseula
		msl
bc-fips-1.0.1.jar	1.0.1	MIT/Bouncycastle
System.Data.SqlClient.dll	4.4.0	MIT
System.Security.Cryptography.Xml.dll	4.5.0	MIT
Newtonsoft.Json.dll	12.0.3	MIT
Antlr3.Runtime.dll	3.4.1	BSD-3-Clause
System.Web.Cors.dll	1.0.0	MS .NET library
Microsoft.Web.Administration.dll	10.0.0	mseula
		msl
batik-transcoder.jar	1.6	Apache 2.0
Microsoft.AspNetCore.ResponseCaching.Abstractions.dll	2.2.0	Apache-2.0
System.Security.AccessControl.dll	4.7.0	MIT
Microsoft.Extensions.Primitives.dll	3.1.23	Apache-2.0
CsvHelper.dll	12.1.2	Apache-2.0
System.IO.FileSystem.dll	4.0.0	mseula
		msl
batik-xml.jar	1.6-1	Apache-2.0
System.ValueTuple.dll	4.3.0	MSRTW
		mseula
		msl
System.Xml.XmlDocument.dll	4.3.0	mseula
		msl
System.Security.Cryptography.ProtectedData.dll	4.5.0	MIT
Microsoft.Extensions.Configuration.Binder.dll	2.1.0	Apache-2.0
Microsoft.CodeAnalysis.Razor.dll	2.1.1	Apache-2.0
Microsoft.Extensions.Options.ConfigurationExtensions.dll	2.1.0	Apache-2.0
Microsoft.Extensions.PlatformAbstractions.dll	1.1.0	mseula
		msl
System.Web.Http.dll	6.5.11	MICROSOFT .NET LIBRARY
Superpower.dll	2.3.0	Apache-2.0
Microsoft.Extensions.Localization.dll	2.1.1	Apache-2.0
Microsoft.AspNet.SignalR.Core.dll	2.4.1	Apache-2.0

Microsoft.Owin.Security.dll	4.2.2	Apache-2.0
System.Security.Cryptography.Primitives.dll	4.0.0	mseula
		msl
Microsoft.SqlServer.ConnectionInfo.dll	1.0.0	Microsoft sql server
ICSharpCode.SharpZipLib.dll	1.3.3	MIT
Microsoft.IdentityModel.Clients.ActiveDirectory.dll	3.17.0	MIT
Microsoft.Extensions.FileSystemGlobbing.dll	3.0.0	Apache-2.0
Microsoft.Extensions.Hosting.dll	2.2.0	Apache-2.0
Microsoft.AspNetCore.Authentication.dll	2.1.2	Apache-2.0
System.IO.FileSystem.Primitives.dll	4.3.0	mseula
		msl
Microsoft.AspNetCore.Mvc.Core.dll	2.2.0	Apache-2.0
System.Net.Http.Formatting.dll	20.3.22.10	MIT
Microsoft.SqlServer.Management.Sdk.Sfc.dll	1.0.0	Microsoft .NET Framework
Microsoft.Owin.Security.dll	3.0.1	mseula
		msl
Microsoft.AspNetCore.Mvc.RazorPages.dll	2.1.1	Apache-2.0
batik-util.jar	1.6-1	Apache 2.0
Microsoft.Extensions.Options.dll	5.0.0	MIT
Serilog.dll	2.10.0	Apache-2.0
Microsoft.IdentityModel.Tokens.dll	5.2.0	MIT
Microsoft.Extensions.Options.dll	3.1.8	Apache-2.0
System.Collections.Immutable.dll	1.5.0	MIT
System.IdentityModel.Tokens.Jwt.dll	4.0.2.206221351	MIT
Microsoft.AspNetCore.Mvc.Cors.dll	2.1.1	Apache-2.0
Microsoft.IdentityModel.Protocols.dll	5.2.0	MIT
Microsoft.Extensions.ObjectPool.dll	2.2.0	Apache-2.0
Microsoft.Extensions.Logging.dll	3.0.0	Apache-2.0
Microsoft.AspNetCore.Mvc.Formatters.Json.dll	2.1.1	Apache-2.0
Microsoft.Extensions.Logging.Debug.dll	2.1.0	Apache-2.0
Microsoft.Extensions.Logging.Console.dll	3.0.0	Apache-2.0
batik-bridge.jar	1.6-1	Apache 2.0
Microsoft.SqlServer.Smo.dll	1.0.0	Microsoft sql server
Microsoft.Extensions.DependencyInjection.Abstractions.dll	3.1.8	Apache-2.0
Microsoft.AspNetCore.WebUtilities.dll	2.2.0	Apache-2.0

log4net.dll	2.0.14	Apache-2.0
Microsoft.CodeAnalysis.CSharp.dll	2.8.0	mseula
		msl
System.Security.Principal.Windows.dll	4.7.0	MIT
System.AppContext.dll	4.3.0	mseula
		msl
TimeZoneConverter.dll	3.2.0	MIT
Microsoft.Extensions.Configuration.EnvironmentVariables.dll	3.0.0	Apache-2.0
IdentityModel.dll	4.1.1	Apache-2.0
BouncyCastle.Crypto.dll	1.8.1	MIT
		Bouncycastle
System.Collections.Immutable.dll	1.1.37	mseula
		msl
SimpleInjector.dll	3.1.2	MIT
Serilog.Extensions.Logging.dll	3.1.0	Apache-2.0
Microsoft.AspNetCore.Mvc.ViewFeatures.dll	2.1.1	Apache-2.0
batik-css.jar	1.6-1	Apache 2.0
Microsoft.Extensions.Http.dll	2.2.0	Apache-2.0
Microsoft.Extensions.Options.dll	3.0.0	Apache-2.0
dotless.Core.dll	1.5.2	Apache-2.0
Microsoft.Extensions.Logging.dll	5.0.0	MIT
Microsoft.Extensions.DependencyInjection.Abstractions.dll	3.0.0	Apache-2.0
IdentityServer3.AccessTokenValidation.dll	2.14.0	Apache-2.0
IdentityServer3.dll	2.6.3	Apache-2.0
System.Security.Permissions.dll	4.5.0	MIT
GraphQL.Client.dll	1.0.3	MIT
SimpleInjector.Integration.Web.dll	4.6.2	MIT
Microsoft.AspNetCore.Diagnostics.Abstractions.dll	2.1.1	Apache-2.0
System.Data.SqlClient.dll	4.8.5	MIT
MessagePack.dll	1.9.11	MIT
Newtonsoft.Json.Bson.dll	1.0.1	MIT
Microsoft.Win32.Primitives.dll	4.3.0	mseula
		msl
Microsoft.AspNetCore.DataProtection.Abstractions.dll	2.1.1	Apache-2.0
Microsoft.IdentityModel.Logging.dll	1.1.0	MIT
Microsoft.Extensions.FileProviders.Abstractions.dll	3.0.0	Apache-2.0
Microsoft.Azure.Management.ServiceBus.dll	1.0.2	MIT

VDS.Common.dll	1.10.0	MIT-0
		MIT
AngleSharp.Css.dll	0.16.1	MIT
Microsoft.Rest.ClientRuntime.dll	2.3.10	MIT
Microsoft.Extensions.Configuration.Binder.dll	3.0.0	Apache-2.0
Microsoft.Diagnostics.Tracing.EventSource.dll	1.1.28	mseula
		msl
Microsoft.SqlServer.SmoExtended.dll	1.0.0	Microsoft sql server
System.Xml.XPath.XDocument.dll	4.3.0	MSRTW
		mseula
		msl
Microsoft.AspNetCore.DataProtection.dll	2.1.1	Apache-2.0
HtmlAgilityPack.dll	1.8.2	MIT
Polly.dll	7.1.1	BSD-3-Clause
Newtonsoft.Json.Schema.dll	3.0.14	GNU Affero General Public License
xunit.core.dll	2.4.1	MIT
Microsoft.Extensions.Configuration.Binder.dll	3.1.9	Apache-2.0
Microsoft.IdentityModel.Logging.dll	5.2.0	MIT
Microsoft.CodeAnalysis.dll	1.3.2	mseula
		msl
System.IO.Compression.dll	4.0.0-beta-22231	mseula
		msl
Microsoft.CodeAnalysis.CSharp.Scripting.dll	2.9.0	mseula
		msl
Microsoft.Owin.Host.SystemWeb.dll	4.2.2	Apache-2.0
SimpleInjector.Integration.WebApi.dll	3.1.2	MIT
Microsoft.CodeAnalysis.VisualBasic.dll	1.3.2	mseula
		msl
Microsoft.AspNetCore.Http.Abstractions.dll	2.2.0	Apache-2.0
Microsoft.AspNetCore.Authentication.Abstractions.dll	2.2.0	Apache-2.0
Microsoft.AspNetCore.Authentication.JwtBearer.dll	2.1.30	Apache-2.0
Microsoft.Extensions.Options.ConfigurationExtensions.dll	3.0.0	Apache-2.0
Microsoft.Extensions.Logging.Configuration.dll	3.0.0	Apache-2.0

SimpleInjector.Extensions.ExecutionContextScoping.dll	3.1.2	MIT
Microsoft.Office.Interop.Excel.dll	14.0.0	Microsoft .NET Framework
SemVer.dll	1.2.1	MIT
		Bouncycastle
System.Text.Encoding.CodePages.dll	5.0.0	MIT
Microsoft.CodeAnalysis.CSharp.Scripting.dll	1.3.2	mseula
		msl
Newtonsoft.Json.dll	13.0.1	MIT
Microsoft.AspNetCore.Razor.Runtime.dll	2.1.1	Apache-2.0
Microsoft.AspNetCore.Mvc.DataAnnotations.dll	2.1.1	Apache-2.0
SimpleInjector.Integration.Web.Mvc.dll	3.1.2	MIT
System.Security.Cryptography.X509Certificates.dll	4.3.0	mseula
		msl
System.Web.Http.Owin.dll	1.0.111	MICROSOFT .NET LIBRARY
MoreLinq.dll	3.3.2	Apache-2.0
Microsoft.Owin.Host.SystemWeb.dll	3.1.0	mseula
		msl
Microsoft.Extensions.Logging.Console.dll	3.1.0	Apache-2.0
System.IdentityModel.Tokens.Jwt.dll	5.2.0	MIT
Microsoft.Win32.Registry.dll	4.6.0	MIT
OpenTracing.dll	0.12.0	Apache-2.0
Microsoft.Rest.ClientRuntime.Azure.dll	3.3.10	MIT
Microsoft.Extensions.Configuration.dll	3.1.9	Apache-2.0
Microsoft.Extensions.DependencyInjection.dll	5.0.0	MIT
WebActivatorEx.dll	2.0.0	MS-PL
batik-gvt.jar	1.6-1	Apache 2.0
Microsoft.CodeDom.Providers.DotNetCompilerPlatform.dll	2.0.1	mseula
		msl
Microsoft.Extensions.DependencyInjection.Abstractions.dll	5.0.0	MIT
System.Web.WebPages.Deployment.dll	20.3.22.16	MIT
Nito.HashAlgorithms.Core.dll	1.0.1	MIT
Microsoft.CodeAnalysis.dll	2.8.0	mseula
		msl
Microsoft.CodeAnalysis.Scripting.dll	1.3.2	mseula
		msl

Microsoft.AspNetCore.Hosting.Server.Abstractions.dll	2.2.0	Apache-2.0
System.Diagnostics.StackTrace.dll	4.3.0	MSRTW
		mseula
		msl
System.Web.Helpers.dll	2021.3.5	MICROSOFT .NET LIBRARY
AngleSharp.dll	0.16.0	MIT
Microsoft.AspNetCore.SignalR.Core.dll	2.2.2	mseula
		msl
Dapper.dll	1.50.4	Apache-2.0
batik-svg-dom.jar	1.6-1	Apache 2.0
JetBrains.Annotations.dll	2018.3.0	MIT
SimpleInjector.Integration.Web.Mvc.dll	4.6.2	MIT
Microsoft.Win32.Registry.dll	4.7.0	MIT
System.Diagnostics.DiagnosticSource.dll	4.3.0	MSRTW
		mseula
		msl
Microsoft.AspNetCore.Html.Abstractions.dll	2.1.1	Apache-2.0
System.Security.AccessControl.dll	4.6.0	MIT
Microsoft.AspNetCore.Cors.dll	2.1.1	Apache-2.0
Microsoft.Extensions.DependencyModel.dll	3.0.0	MIT
System.Net.Http.Formatting.dll	5.2.3	Microsoft .NET Framework
WebGrease.dll	1.5.2	MSBLENDSDKEULA
		microsoftwin2d
Microsoft.Bcl.AsyncInterfaces.dll	1.1.1	MIT
Microsoft.AspNetCore.Mvc.TagHelpers.dll	2.1.1	Apache-2.0
Microsoft.Extensions.Localization.Abstractions.dll	2.1.1	Apache-2.0
Swashbuckle.Core.dll	5.3.2	BSD-4-Clause
Microsoft.CodeAnalysis.Scripting.dll	2.9.0	mseula
		msl
System.Xml.ReaderWriter.dll	4.3.0	MSRTW
		mseula
		msl
System.Security.AccessControl.dll	4.5.0	MIT
OpenTracing.Contrib.NetCore.dll	0.5.0	Apache-2.0
SimpleInjector.Extensions.ExecutionContextScoping.dll	4.0.0	MIT License
Microsoft.Extensions.Primitives.dll	5.0.1	MIT

System.Diagnostics.FileVersionInfo.dll	4.3.0	mseula
		msl
System.Web.Mvc.dll	1.0.1	MICROSOFT .NET LIBRARY
System.Reflection.Metadata.dll	1.2.0	mseula
		msl
Microsoft.AspNetCore.Antiforgery.dll	2.1.1	Apache-2.0
Microsoft.AspNetCore.Mvc.Localization.dll	2.1.1	Apache-2.0
batik-ext.jar	1.6-1	Apache-2.0
Microsoft.AspNetCore.Mvc.dll	2.1.1	Apache-2.0
batik-parser.jar	1.6-1	Apache-2.0
System.Security.Principal.Windows.dll	4.6.0	MIT
batik-swing.jar	1.6-1	Apache-2.0
Microsoft.Extensions.FileProviders.Abstractions.dll	3.1.0	Apache-2.0
Microsoft.Extensions.Configuration.FileExtensions.dll	3.1.0	Apache-2.0
Microsoft.Bcl.AsyncInterfaces.dll	1.0.0	MIT
Jaeger.Thrift.VendoredThrift.dll	0.3.5	Apache-2.0
js.jar	1.6R2	MPL-1.1
Microsoft.Extensions.WebEncoders.dll	2.1.1	Apache-2.0
Microsoft.Owin.dll	4.2.2	Apache-2.0
System.Text.Json.dll	4.7.0	MIT
Microsoft.Extensions.Configuration.dll	2.1.0	Apache-2.0
RabbitMQ.Client.dll	5.1.1	MPL-2.0
		Apache-2.0
System.Security.Cryptography.Algorithms.dll	4.3.0	MSRTW
		mseula
		msl
SimpleInjector.Integration.WebApi.dll	4.6.2	MIT
System.Threading.Tasks.Dataflow.dll	5.0.0	MIT
Microsoft.Extensions.DependencyInjection.dll	3.1.8	Apache-2.0
System.ValueTuple.dll	4.5.0	MIT
Microsoft.Extensions.Configuration.Abstractions.dll	2.1.0	Apache-2.0
log4net.dll	2.0.12	Apache-2.0
Microsoft.AspNetCore.Mvc.Razor.dll	2.1.1	Apache-2.0
System.IO.FileSystem.dll	4.0.1	MSRTW
		mseula
		msl
System.Reflection.Metadata.dll	1.4.2	mseula
		msl



Microsoft.CodeAnalysis.VisualBasic.dll	2.9.0	mseula
		msl
Microsoft.Extensions.Logging.Debug.dll	3.1.0	Apache-2.0
System.Text.Json.dll	4.6.0	MIT
SimpleInjector.dll	4.6.2	MIT
Microsoft.Extensions.Configuration.Json.dll	3.0.0	Apache-2.0
batik-awt-util.jar	1.6-1	Apache 2.0
Microsoft.AspNetCore.Http.Features.dll	3.1.23	Apache-2.0
Jaeger.dll	0.3.5	Apache-2.0
System.Net.Http.dll	4.6.26011.1	MICROSOFT .NET LIBRARY
Dapper.dll	2.0.35	Apache-2.0
System.Net.Sockets.dll	4.3.0-preview1-24530-04	MSRTW
		mseula
		msl
System.Globalization.Calendars.dll	4.3.0	mseula
		msl
Microsoft.CodeAnalysis.dll	2.9.0	mseula
		msl
System.Text.Encoding.CodePages.dll	4.5.0-rc1	MIT
System.Web.Mvc.dll	10.0.7507	Apache-2.0
log4j-core-2.17.1.jar	2.17.1	Apache-2.0
System.Text.Encodings.Web.dll	5.0.1	MIT
DocumentFormat.OpenXml.dll	2.0.0	MIT
Microsoft.CodeAnalysis.CSharp.dll	2.9.0	mseula
		msl
Microsoft.Extensions.Logging.Configuration.dll	2.1.0	Apache-2.0
System.Diagnostics.DiagnosticSource.dll	5.0.0	MIT
System.Runtime.InteropServices.RuntimeInformation.dll	4.3.0	mseula
		msl
GraphQL.Common.dll	1.0.3	MIT
Microsoft.Extensions.DependencyInjection.dll	3.0.0	Apache-2.0
System.Console.dll	4.3.1	mseula
		msl
Microsoft.Extensions.Configuration.dll	3.1.8	Apache-2.0
System.Web.Http.WebHost.dll	20.3.22.16	MIT
Microsoft.Owin.Security.Cookies.dll	2.1.0	mseula
		msl
batik-gui-util.jar	1.6-1	Apache-2.0

Microsoft.AspNetCore.Mvc.ApiExplorer.dll	2.1.1	Apache-2.0
SimpleInjector.Integration.ServiceCollection.dll	4.6.2	MIT
Microsoft.IdentityModel.Protocols.OpenIdConnect.dll	5.2.0	MIT
Microsoft.Build.Tasks.CodeAnalysis.dll	1.3.2	MSMVC4E
		MSRTW
		MIT
Microsoft.Extensions.Logging.Configuration.dll	3.1.0	Apache-2.0
System.Web.WebPages.Razor.dll	20.3.22.16	MIT
System.Web.WebPages.dll	2019.10.30	MICROSOFT .NET LIBRARY
log4j-api-2.17.1.jar	2.17.1	Apache-2.0
Microsoft.AspNetCore.Http.Features.dll	5.0.17	Apache-2.0
Microsoft.Extensions.Configuration.FileExtensions.dll	3.0.0	Apache-2.0
Microsoft.AspNetCore.Razor.Language.dll	2.1.1	Apache-2.0
Microsoft.Net.Http.Headers.dll	2.2.0	Apache-2.0
Microsoft.Owin.Security.Jwt.dll	3.0.1	mseula
		msl
Microsoft.Web.Infrastructure.dll	1.0.0	mseula
Microsoft.Owin.Security.OAuth.dll	3.0.1	mseula
		msl
wnvhtmltopdf.dll	12.15.0	sap
Microsoft.AspNetCore.Authorization.dll	2.2.0	Apache-2.0
Microsoft.DiaSymReader.Native.amd64.dll	1.7.0	mseula
		msl
Microsoft.AspNetCore.Http.Extensions.dll	2.2.0	Apache-2.0
Microsoft.AspNetCore.Authorization.Policy.dll	2.2.0	Apache-2.0
IdentityServer4.AccessTokenValidation.dll	2.7.0	Apache-2.0
Microsoft.Extensions.Primitives.dll	5.0.0	MIT
System.ComponentModel.Annotations.dll	4.5.0	MIT
Owin.dll	1.0.0	Apache-2.0
System.IO.FileSystem.Primitives.dll	4.0.0	mseula
		msl
Microsoft.Extensions.Logging.Abstractions.dll	5.0.0	MIT
Microsoft.IdentityModel.Tokens.dll	5.1.0	MIT
Microsoft.AspNet.SignalR.SystemWeb.dll	2.4.1	Apache-2.0
System.IO.Pipelines.dll	4.7.5	MIT
msvcp120.dll	5.2.1	MICROSOFT .NET LIBRARY

Polly.dll	7.2.0	BSD-3-Clause
commons-logging.jar	2.0.1.180927	MPL-1.1
Microsoft.Build.Tasks.CodeAnalysis.dll	2.9.0	mseula
		MIT
		msl
swt-4.3-win32-win32-x86.jar	4.3	EPL-1.0
System.IO.Pipelines.dll	5.0.2	MIT
Microsoft.Extensions.Hosting.Abstractions.dll	2.2.0	Apache-2.0
Microsoft.Extensions.Logging.dll	3.1.0	Apache-2.0
Consul.dll	0.7.2.6	Apache-2.0
Microsoft.Extensions.Caching.Memory.dll	2.2.0	Apache-2.0
TableDependency.SqlClient.dll	7.4.0	MIT
IdentityModel.dll	1.9.2	Apache-2.0
Microsoft.AspNetCore.Authentication.Core.dll	2.2.0	Apache-2.0
Microsoft.CodeDom.Providers.DotNetCompilerPlatform.dll	1.0.0	mseula
		msl
Microsoft.Azure.Amqp.dll	2.1.2	MIT
Microsoft.AspNetCore.Cryptography.Internal.dll	2.1.1	Apache-2.0
HtmlSanitizer.dll	6.0.441	MIT
bcpkix-fips-1.0.2.jar	1.0.2	MIT
Microsoft.AspNetCore.Hosting.Abstractions.dll	2.2.0	Apache-2.0
System.Security.Cryptography.Encoding.dll	4.3.0	MSRTW
		mseula
IdentityModel.AspNetCore.OAuth2Introspection.dll	3.5.0	Apache-2.0
Microsoft.AspNetCore.Mvc.Razor.Extensions.dll	2.1.1	Apache-2.0
Microsoft.Owin.Cors.dll	4.2.2	Apache-2.0
Microsoft.AspNetCore.Routing.dll	2.2.0	Apache-2.0
Microsoft.CodeAnalysis.CSharp.dll	1.3.2	mseula
		msl
Microsoft.Extensions.Configuration.Abstractions.dll	3.1.8	Apache-2.0
nsoftware.IPWorks.System.dll	20.0.7247	MICROSOFT .NET LIBRARY
swt-4.3-cocoa-macosx-x86_64.jar	4.3	EPL-1.0

Microsoft.AspNet.WebApi.Versioning.dll	2.2.0	MIT
commons-exec-1.1.jar	1.1	Apache-2.0
WebGrease.dll	1.6.0	mseula
Microsoft.IdentityModel.Protocol.Extensions.dll	1.0.2.206221351	MIT
Microsoft.Web.Administration.dll	7.0.0	MICROSOFT .NET LIBRARY
Microsoft.AspNetCore.Routing.Abstractions.dll	2.2.0	Apache-2.0
System.Xml.XPath.dll	4.3.0	MSRTW
		mseula
Flurl.dll	3.0.2	MIT
Microsoft.Extensions.FileProviders.Physical.dll	3.1.0	Apache-2.0
Microsoft.Extensions.Logging.Console.dll	2.1.0	Apache-2.0
System.IO.Abstractions.dll	12.0.3	MIT
System.Text.Encoding.CodePages.dll	4.0.0	mseula
Microsoft.Extensions.Options.ConfigurationExtensions.dll	3.1.0	Apache-2.0
batik-script.jar	1.6	Apache-2.0
xunit.abstractions.dll	2.0.3	MIT
Microsoft.AspNetCore.Localization.dll	2.1.1	Apache-2.0
Microsoft.AspNet.Identity.Core.dll	2.0.0	mseula
		msl
Microsoft.Extensions.FileProviders.Composite.dll	2.1.1	Apache-2.0
System.Diagnostics.DiagnosticSource.dll	4.5.0	MIT
System.Web.Optimization.dll	1.0.0	MICROSOFT .NET LIBRARY
xercesImpl.jar	2.7.0	Apache-2.0
Flurl.Http.dll	3.2.0	MIT
Microsoft.Owin.Security.OAuth.dll	4.2.2	Apache-2.0
System.IO.Compression.ZipFile.dll	4.3.0	MSRTW/mseula
RabbitMQ.Client.dll	5.1.2	MPL-2.0
		Apache-2.0
Jaeger.Thrift.dll	0.3.5	Apache-2.0
Microsoft.Extensions.FileProviders.Physical.dll	3.0.0	Apache-2.0
SimpleInjector.Integration.Web.dll	3.1.2	MIT
Microsoft.Extensions.Logging.Abstractions.dll	3.1.0	Apache-2.0
dotNetRDF.dll	2.2.0	MIT
Microsoft.Extensions.Caching.Abstractions.dll	2.2.0	Apache-2.0

Microsoft.Extensions.Configuration.Json.dll	3.1.0	Apache-2.0
Microsoft.AspNetCore.JsonPatch.dll	2.1.1	Apache-2.0
batik-svggen.jar	1.6-1	Apache-2.0
Serilog.Sinks.File.dll	5.0.0	Apache-2.0
System.Threading.Tasks.Extensions.dll	4.3.0	MSRTW
		mseula
System.Security.Principal.Windows.dll	4.5.0	MIT
System.Web.Http.dll	1.0.0	MICROSOFT .NET LIBRARY
Antlr3.Runtime.dll	3.5.0.2	BSD-3-Clause
Microsoft.AspNetCore.Http.dll	2.2.0	Apache-2.0
Microsoft.Extensions.Configuration.Abstractions.dll	3.1.9	Apache-2.0
Svg.dll	2.0.0	MS-PL
Microsoft.AspNetCore.Razor.dll	2.1.1	Apache-2.0
Quartz.dll	3.0.2	Apache-2.0
Microsoft.Azure.ServiceBus.dll	2.0.0	MIT-0

## Licenses

---

### Apache 2.0

Apache License  
Version 2.0, January 2004  
<http://www.apache.org/licenses/>

#### TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

##### 1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work

or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

- (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
- (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
- (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
- (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

#### END OF TERMS AND CONDITIONS

#### APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");  
you may not use this file except in compliance with the License.  
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.



See the License for the specific language governing permissions and limitations under the License.

#### **MIT license**

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### **Bouncy Castle License**

<https://www.bouncycastle.org/licence.html>

Please note this should be read in the same way as the MIT license.

#### **LICENSE**

Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc. (<http://www.bouncycastle.org>)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

#### **MICROSOFT SOFTWARE LICENSE TERMS**

##### **MICROSOFT EXPRESSION BLEND SOFTWARE DEVELOPMENT KIT**

These license terms are an agreement between Microsoft Corporation (or based on where you live, one of its affiliates) and you. Please read them. They apply to the software named above, which includes the media on which you received it, if any. The terms also apply to any Microsoft

- updates,
- supplements,
- Internet-based services, and
- support services

for this software, unless other terms accompany those items. If so, those terms apply.

BY USING THE SOFTWARE, YOU ACCEPT THESE TERMS. IF YOU DO NOT ACCEPT THEM, DO NOT USE THE SOFTWARE.

If you comply with these license terms, you have the rights below.

1. **INSTALLATION AND USE RIGHTS.** You may install and use any number of copies of the software on your devices to design, develop and test your programs.

2. **ADDITIONAL LICENSING REQUIREMENTS AND/OR USE RIGHTS.**

a. **Distributable Code.** The software contains code that you are permitted to distribute in programs you develop if you comply with the terms below.

i. **Right to Use and Distribute.** The code and text files listed below are “Distributable Code.”

- **REDIST.TXT Files.** You may copy and distribute the object code form of code listed in REDIST.TXT files.
- **Third Party Distribution.** You may permit distributors of your programs to copy and distribute the Distributable Code as part of those programs.

ii. **Distribution Requirements.** For any Distributable Code you distribute, you must

- add significant primary functionality to it in your programs;
- require distributors and external end users to agree to terms that protect it at least as much as this agreement;
- display your valid copyright notice on your programs; and
- indemnify, defend, and hold harmless Microsoft from any claims, including attorneys’ fees,

**Distribution Restrictions.** You may not

- alter any copyright, trademark or patent notice in the Distributable Code;
- use Microsoft’s trademarks in your programs’ names or in a way that suggests your programs come from or are endorsed by Microsoft;
- distribute Distributable Code to run on a platform other than the Windows platform;
- include Distributable Code in malicious, deceptive or unlawful programs; or
- modify or distribute the source code of any Distributable Code so that any part of it becomes subject to an Excluded License. An Excluded License is one that requires, as a condition of use, modification or distribution, that the code be disclosed or distributed in source code form; or
- others have the right to modify it.

3. **SCOPE OF LICENSE.** The software is licensed, not sold. This agreement only gives you some rights to use the software. Microsoft reserves all other rights. Unless applicable law gives you more rights despite this limitation, you may use the software only as expressly permitted in this agreement. In doing so, you must comply with any technical limitations in the software that only allow you to use it in certain ways. You may not

- work around any technical limitations in the software;
- reverse engineer, decompile or disassemble the software, except and only to the extent that applicable law expressly permits, despite this limitation;
- make more copies of the software than specified in this agreement or allowed by applicable law, despite this limitation;
- publish the software for others to copy;
- rent, lease or lend the software;
- transfer the software or this agreement to any third party; or
- use the software for commercial software hosting services.

4. **BACKUP COPY.** You may make one backup copy of the software. You may use it only to reinstall the software.

5. **DOCUMENTATION.** Any person that has valid access to your computer or internal network may copy and use the documentation for your internal, reference purposes.

6. **EXPORT RESTRICTIONS.** The software is subject to United States export laws and regulations. You must comply with all domestic and international export laws and regulations that apply to the software. These laws include restrictions on destinations, end users and end use. For additional information, see [www.microsoft.com/exporting](http://www.microsoft.com/exporting).

7. **SUPPORT SERVICES.** Because this software is “as is,” we may not provide support services for it. . **ENTIRE AGREEMENT.** This agreement, and the terms for supplements, updates, Internet-based services and support services that you use, are the entire agreement for the software and support services.

9. **APPLICABLE LAW.**

a. **United States.** If you acquired the software in the United States, Washington state law governs the interpretation of this agreement and applies to claims for breach of it, regardless of conflict of laws principles. The laws of the state where you live govern all other claims, including claims under state consumer protection laws, unfair competition laws, and in tort.

b. Outside the United States. If you acquired the software in any other country, the laws of that country apply.

10. LEGAL EFFECT. This agreement describes certain legal rights. You may have other rights under the laws of your country. You may also have rights with respect to the party from whom you acquired the software. This agreement does not change your rights under the laws of your country if the laws of your country do not permit it to do so.

11. DISCLAIMER OF WARRANTY. THE SOFTWARE IS LICENSED "AS-IS." YOU BEAR THE RISK OF USING IT. MICROSOFT GIVES NO EXPRESS WARRANTIES, GUARANTEES OR CONDITIONS. YOU MAY HAVE ADDITIONAL CONSUMER RIGHTS UNDER YOUR LOCAL LAWS WHICH THIS AGREEMENT CANNOT CHANGE. TO THE EXTENT PERMITTED UNDER YOUR LOCAL LAWS, MICROSOFT EXCLUDES THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT.

12. LIMITATION ON AND EXCLUSION OF REMEDIES AND DAMAGES. YOU CAN RECOVER FROM MICROSOFT AND ITS SUPPLIERS ONLY DIRECT DAMAGES UP TO U.S. \$5.00. YOU CANNOT RECOVER ANY OTHER DAMAGES, INCLUDING CONSEQUENTIAL, LOST PROFITS, SPECIAL, INDIRECT OR INCIDENTAL DAMAGES.

This limitation applies to

- anything related to the software, services, content (including code) on third party Internet sites, or third party programs; and
- claims for breach of contract, breach of warranty, guarantee or condition, strict liability, negligence, or other tort to the extent permitted by applicable law.

It also applies even if Microsoft knew or should have known about the possibility of the damages. The above limitation or exclusion may not apply to you because your country may not allow the exclusion or limitation of incidental, consequential or other damages

#### **BSD-3-Clause**

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

#### **BSD-2-Clause**

Copyright (c) <year> <owner>.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- 1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- 2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY *THE COPYRIGHT HOLDERS AND CONTRIBUTORS* "AS IS" AND ANY *EXPRESS* OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL *THE COPYRIGHT HOLDER OR CONTRIBUTORS* BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.